

Converting Colors

$Y_{xy}(26.4680, 0.3064, 0.2531)$

Have a look what the booklet for
Yxy(26.4680, 0.3064, 0.2531)
contains.

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Color

Yxy(26.4680, 0.3064, 0.2531)

Conversions

Conversions Part 1

Format	Color
Hex	AA7DB3
RGB	170, 125, 179
RGB Percent	67%, 49%, 70%
CMY	0.3335, 0.5097, 0.2981
CMYK	0.05, 0.30, 0.00, 0.30
HSL	290°, 26%, 60%
HSV	290°, 30%, 70%
XYZ	32.0419, 26.4680, 46.0654
YIQ	144.6110, 9.4860, 26.3340

Conversions

Conversions Part 2

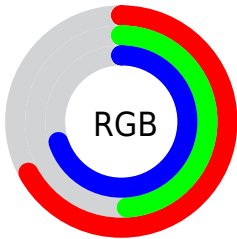
Format	Color
R _{YB}	170, 125, 179
Decimal	11173299
CIE Lab	58.48, 26.96, -21.73
CIE LCh	58, 34.626, 321.129
Yxy	26.4680, 0.3064, 0.2531
Android (android.graphics.Color)	4289363379 (0xFFAA7DB3)
YUV	144.6110, 16.9538, 22.2662
Hunter-Lab	51.4471, 21.1396, -17.0750

Details

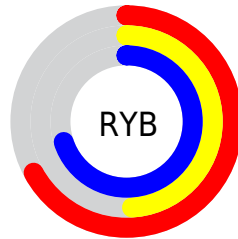
The Yxy color **26.4680, 0.3064, 0.2531** is a light color, and the websafe version is hex **996699**. A complement of this color would be **38.7923, 0.3163, 0.4136**, and the grayscale version is **28.0767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0077, 0.3083, 0.2673**, and **10.3204, 0.3030, 0.2296** is the 20% darker color. If you saturate the color by 10%, you get **22.0075, 0.3034, 0.2276**, and if you desaturate by 10%, it is **31.7551, 0.3089, 0.2789**.

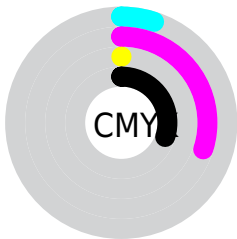
Distribution



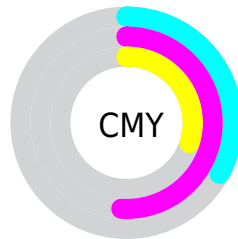
- Red (67%)
- Green (49%)
- Blue (70%)



- Red (67%)
- Yellow (49%)
- Blue (70%)



- Cyan (5%)
- Magenta (30%)
- Yellow (0%)
- Black (30%)





- Cyan (33%)
- Magenta (51%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4680, 0.3064, 0.2531 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 26.4680, 0.3064, 0.2531 by changing the saturation by 10% instead.


 26.4680, 0.3064,
0.2531


 26.4680, 0.3064,
0.2531


285.0720, 0.3107,
0.2922


 17.1741, 0.3049,
0.2430


 54.0290, 0.3082,
0.2676

 10.3587, 0.3027,
0.2299


 73.0648, 0.3088,
0.2729

 5.6374, 0.2993,
0.2122


 96.1168, 0.3093,
0.2774

 2.6259, 0.2935,
0.1873

123.5693, 0.3097,
0.2813

 0.9397, 0.2822,
0.1500

155.8066, 0.3100,
0.2846

 0.0000, 0.2644,
0.0000

193.2132, 0.3103,

 0.0000, 0.0000,

0.2875

0.0000

236.1736, 0.3105,
0.2900

■ 26.4680, 0.3064,
0.2531

■ 26.4680, 0.3064,
0.2531

■ 22.0075, 0.3034,
0.2276

■ 31.7551, 0.3089,
0.2789

■ 18.3262, 0.3000,
0.2034

■ 37.9061, 0.3110,
0.3043

■ 15.3772, 0.2961,
0.1814

■ 44.9599, 0.3127,
0.3286

■ 13.1072, 0.2920,
0.1627

■ 52.9523, 0.3140,
0.3516

■ 11.4555, 0.2877,
0.1480

■ 61.9171, 0.3150,
0.3729

■ 10.3503, 0.2833,
0.1377

■ 71.8862, 0.3157,
0.3924

■ 9.6489, 0.2790,
0.1311

■ 82.8902, 0.3162,
0.4102

■ 86.2336, 0.3177,
0.4143

■ 86.6336, 0.3195,
0.4138

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



26.4680, 0.2537, 0.2381



26.4680, 0.3064, 0.2531



26.4680, 0.3661, 0.2842

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.4680, 0.3064, 0.2531



26.4680, 0.4112, 0.4118



26.4680, 0.2209, 0.3195

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.4680, 0.3064, 0.2531



38.7923, 0.3163, 0.4136

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.4680, 0.2571, 0.3793



26.4680, 0.3064, 0.2531



26.4680, 0.3668, 0.4347

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.4680, 0.3064, 0.2531



26.4680, 0.4294, 0.3712



26.4680, 0.3102, 0.4246



26.4680, 0.2082, 0.2704

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.4680, 0.3064, 0.2531



26.4680, 0.4001, 0.3113



26.4680, 0.3102, 0.4246



26.4680, 0.2305, 0.3393

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.4691, 0.3064, 0.2531



69.0849, 0.3112, 0.3068



24.9205, 0.2622, 0.2588



14.9266, 0.3109, 0.3032



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.4691, 0.3064, 0.2531



42.0867, 0.3045, 0.2366



26.8608, 0.3347, 0.2772



8.5734, 0.3112, 0.3064



6.8430, 0.2795, 0.1314



0.2344, 0.2918, 0.1381

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



25.9782, 0.3678, 0.3160



41.1310, 0.3847, 0.3131



38.5565, 0.2960, 0.3873



8.5277, 0.3262, 0.3252



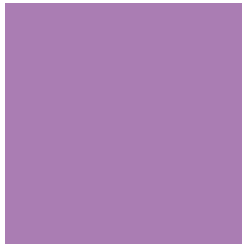
6.8451, 0.6127, 0.3149



0.2224, 0.5448, 0.2775

Previews

White Background



This preview shows how the Yxy color 26.4680, 0.3064, 0.2531 looks on a white background.

Color Contrast Check

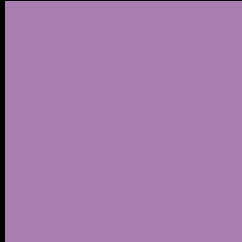
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 26.4680, 0.3064, 0.2531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

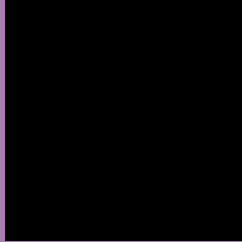
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.4680, 0.3064, 0.2531

Background



This preview shows how black text looks on a background with the Yxy color 26.4680, 0.3064, 0.2531.



This preview shows how white text looks on a background with the Yxy color 26.4680, 0.3064, 0.2531.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.4680, 0.3064, 0.2531

Protanopia

26.6514, 0.2571, 0.2522

Deuteranopia

26.5458, 0.2752, 0.2698



Tritanopia

26.4549, 0.3399, 0.3138

Trichromacy



Original Color

26.4680, 0.3064, 0.2531

Protanomaly

26.3926, 0.2738, 0.2526

Deuteranomaly

26.2453, 0.2855, 0.2626

Tritanomaly

26.2826, 0.3282, 0.2904

Monochromacy



Original Color

26.4680, 0.3064, 0.2531

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.4813, 0.3109, 0.2997

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4680, 0.3064, 0.2531 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(170, 125, 179)` looks like.

```
.text, #text, p{  
    color:rgb(170, 125, 179)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(170, 125, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 125, 179) }
```

Border

The CSS property to change the border of an element to Yxy 26.4680, 0.3064, 0.2531 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 125, 179) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(170, 125, 179) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(170, 125, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 125, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 125, 179);  
box-shadow:4px 4px 4px 4px rgb(170, 125,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4680, 0.3064, 0.2531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 125, 179) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(170,  
125, 179) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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